



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: James L. Piller et al.  
Serial No.: 10/617,156  
Filing Date: 07/10/2003  
Title: Improving ESR of Solid  
Electrolytic Capacitors Using  
Conductive Polymer Cathodes

Attorney Docket: 31433-001  
Examiner: E W Thomas  
Group Art Unit: 2831  
Confirmation No.: 2720

**RESPONSE UNDER 37 CFR §1.112  
Non-Fee Amendment**

Commissioner for Patents  
Mail Stop Non-fee Amendment  
P.O. Box 1450  
Alexandria VA 22313-1450

Dear Sir:

In response to the Office Action dated 01 March 2004, please amend the above-identified application as indicated below and consider the attached remarks.

Amendments to the claims are reflected in the listing of claims which commence at page 2 of this paper.

Remarks commence at page 6.

The Commissioner is authorized to charge any fees associated with this filing, as well as credit any overpayments, to Customer Deposit Account Number 08-0719.

Respectfully submitted,

J. Herbert O'Toole

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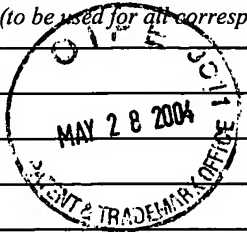
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IFW

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<b>TRANSMITTAL FORM</b> (to be used for all correspondence after initial filing)		Application Serial Number	10/617,156
		Filing Date	07/10/2003
		First Named Inventor	James L. Piller et al.
		Group Art Unit	2831
		Examiner Name	E W Thomas
Total Number of Pages in This Submission		Attorney Docket No.	31433-001



ENCLOSURES (check all that apply)			
<input type="checkbox"/>	Fee Transmittal Form	<input type="checkbox"/>	Assignment Papers (for an Application)
<input type="checkbox"/>	Fee Attached	<input type="checkbox"/>	Drawing(s)
<input checked="" type="checkbox"/>	Non-Fee Amendment Response	<input type="checkbox"/>	Licensing-related Papers
<input type="checkbox"/>	After Final	<input type="checkbox"/>	Petition
<input checked="" type="checkbox"/>	Affidavits/declaration(s)	<input type="checkbox"/>	Petition to Convert to a Provisional Application
<input type="checkbox"/>	Extension of Time Request	<input type="checkbox"/>	Power of Attorney, Revocation Change of Correspondence Address
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<input type="checkbox"/>	Response to Missing Parts/ Incomplete Application	Remarks	The Commissioner is hereby authorized to change any additional fees associated with this communication or credit any overpayment to Deposit Account No. 08- 0719. A duplicate copy of this sheet is enclosed.
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SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	Nexsen Pruet Jacobs Pollard, LLC
Signature	J. Herbert O'Toole 
Date	May 26, 2004
Reg. No. 31,404	

CERTIFICATE OF MAILING	
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